VERSANT VENTURE CAPITAL I LP

Form 4

February 17, 2011

FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION Washington, D.C. 20549

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

OMB Number:

3235-0287

Expires:

January 31, 2005

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obligations may continue. See Instruction

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, Section 17(a) of the Public Utility Holding Company Act of 1935 or Section 30(h) of the Investment Company Act of 1940

1(b).

(Print or Type Responses)

1. Name and Address of Reporting Person * VERSANT VENTURE CAPITAL I LP

> (Last) (First) (Middle)

3000 SAND HILL ROAD, **BUILDING FOUR, SUITE 210**

(Street)

2. Issuer Name and Ticker or Trading Symbol

FLUIDIGM CORP [FLDM]

3. Date of Earliest Transaction (Month/Day/Year) 02/15/2011

4. If Amendment, Date Original Filed(Month/Day/Year)

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

_X__ 10% Owner Director _ Other (specify Officer (give title below)

6. Individual or Joint/Group Filing(Check Applicable Line)

Form filed by One Reporting Person X Form filed by More than One Reporting

MENLO PARK, CA 94025

(City)	(State)	(Zip) Tab	ole I - Non-De	erivative Se	ecuriti	es Acqu	ired, Disposed of	f, or Beneficia	lly Owned	
1.Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transaction Code (Instr. 8)	4. Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)			5. Amount of Securities Beneficially Owned Following	6. Ownership Form: Direct (D) or Indirect	7. Nature of Indirect Beneficial Ownership (Instr. 4)	
			Code V	Amount	(A) or (D)	Price	Reported Transaction(s) (Instr. 3 and 4)	(I) (Instr. 4)		
Common Stock	02/15/2011	02/15/2011	C(5)	81,396	A	<u>(2)</u>	1,042,686	I	See Footnotes (4) (8)	
Common Stock	02/15/2011	02/15/2011	C(1)(3)	164	A	\$ 0.02	1,042,850	I	See Footnotes (3) (4)	
Common Stock	02/15/2011	02/15/2011	C(1)(6)	346	A	\$ 0.02	1,043,196	I	See Footnotes (4) (6)	
Common Stock	02/15/2011	02/15/2011	C(1)(7)	148	A	\$ 0.02	1,043,344	I	See Footnotes	

									<u>(4)</u> <u>(7)</u>
Common Stock	02/15/2011	02/15/2011	C(1)(8)	7,596	A	\$ 0.02	1,050,940	I	See Footnotes (4) (8)
Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.									
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Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)

1. Title of Derivative Security (Instr. 3)	2. Conversion or Exercise Price of Derivative Security	3. Transaction Date (Month/Day/Year)	3A. Deemed Execution Date, if any (Month/Day/Year)	4. 5. Number of TransactionDerivative Code Securities (Instr. 8) Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)		6. Date Exercisable and Expiration Date (Month/Day/Year)		7. Title and Amount of Underlying Securities (Instr. 3 and 4)		8. P. Deri Secu (Ins
				Code V	(A) (D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares	
Series D Preferred Stock	(2)	02/15/2011	02/15/2011	C	81,396	<u>(9)</u>	<u>(9)</u>	Common Stock	81,396	
Series E-1 Preferred Stock	<u>(2)</u>	02/15/2011	02/15/2011	С	164	<u>(9)</u>	<u>(9)</u>	Common Stock	164	
Series E Preferred Stock	(2)	02/15/2011	02/15/2011	C	346	<u>(9)</u>	<u>(9)</u>	Common Stock	346	
Series E Preferred Stock	(2)	02/15/2011	02/15/2011	C	148	<u>(9)</u>	<u>(9)</u>	Common Stock	544	
Series E Preferred Stock	<u>(2)</u>	02/15/2011	02/15/2011	C	7,596	<u>(9)</u>	<u>(9)</u>	Common Stock	7,596	

Reporting Owners

Reporting Owner Name / Address	Relationships					
	Director	10% Owner	Officer	Other		

Reporting Owners 2

X

X

VERSANT VENTURE CAPITAL I LP 3000 SAND HILL ROAD, BUILDING FOUR **SUITE 210** MENLO PARK, CA 94025

VERSANT AFFILIATES FUND I-A LP 3000 SAND HILL ROAD, BUILDING FOUR, **SUITE 210**

MENLO PARK, CA 94025

VERSANT AFFILIATES FUND I-B LP 3000 SAND HILL ROAD, BUILDING FOUR, X **SUITE 210** MENLO PARK, CA 94025

VERSANT SIDE FUND I LP 3000 SAND HILL ROAD, BUILDING FOUR, X **SUITE 210** MENLO PARK, CA 94025

Signatures

/s/ William Smith, 02/16/2011 attorney-in-fact

**Signature of Reporting Person

Explanation of Responses:

If the form is filed by more than one reporting person, see Instruction 4(b)(v).

Date

- Intentional misstatements or omissions of facts constitute Federal Criminal Violations. See 18 U.S.C. 1001 and 15 U.S.C. ** 78ff(a).
- Represents shares of Common Stock issued upon conversion of shares of Series E Preferred Stock on a 1-for 1.300053676865 **(1)** basis.
- Not applicable. **(2)**
- Versant Affiliates Fund I-A, L.P., is the record holder of the securities reported. **(3)**

Versant Affiliates Fund I-B, L.P., and Versant Side Fund I, L.P. is held by Versant Ventures I, LLC, their sole General Partner. Samuel D. Colella, the reporting person is a Managing Member of Versant Ventures I, LLC but he disclaims beneficial ownership of these shares, except to the extent of his pecuniary interest therein. The individual Managing Members of Versant Ventures I. LLC are Brain G. Atwood, Samuel D. Colella, Ross A. Jaffe, William J. Link, Barbara N. Lubash, Donald B, Milder,

Voting and investment power over the shares directly held by Versant Venture Capital I, L.P., Versant Affiliates Fund I-A, L.P.,

- **(4)** and Rebecca B. Robertson, all of whom share voting and dispositive control. Each respective individual General Partner disclaims beneficial ownership of these shares, except to the extent of their pecuniary interest therein.
- Represents shares of Common Stock issued upon the conversion of shares of Series B Preferred, Stock Series C Preferred Stock, **(5)** Series D Preferred Stock or Series E-1 Preferred Stock on a 1-for-1 basis.
- Versant Affiliates Fund I-B, L.P. is the record holder of the securities reported. **(6)**
- **(7)** Versant Side Fund I, L.P., is the record holder of the securities reported.
- (8)Versant Venture Capital I, L.P., is the record holder of the securities reported.
- Each share of Series E Preferred Stock automatically converted into 1.300053676865 share of Common Stock on February 15, (9)2011, the closing date of the Issuer's initial public offering (the "Closing"), and has no expiration date.

Remarks:

Exhibit List

Signatures 3

Exhibit 24 - Power of Attorney

Form 2 of 2

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, *see* Instruction 6 for procedure. Potential persons who are to respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB number.